



# NEW JERSEY WEEKLY CROP WEATHER

## New Jersey Field Office

***In Cooperation With:***  
**U.S. Department of Agriculture**  
**National Agricultural Statistics Service**  
**Agricultural Marketing Service**  
**U.S. Department of Commerce/N.O.A.A.**  
**Rutgers University**

### NOAA WEATHER RADIO STATIONS

**Allentown**  
WXL-39 on the VHF-FM  
frequency of 162.40 Megahertz.  
**Atlantic City**  
KHB-38 on the VHF-FM  
frequency of 162.40 Megahertz.  
**New York City**  
KWO-35 on the VHF-FM  
frequency of 160.55 Megahertz.  
**Philadelphia**  
KIH-28 on the VHF-FM  
frequency of 162.475 Megahertz.

### NEW JERSEY AUCTIONS

**Vineland**  
Phone: (856)691-0721  
Sales 10:00AM Daily except Sunday.  
**Landisville**  
Phone: (856)697-2273  
Direct Sales Daily  
**Swedesboro**  
Phone: (856)476-0313  
**Hightstown**  
Phone: (609)448-0193  
Auction Sales Mon-Wed-Fri-7pm

Volume 69 No. 8

Date: May 29, 2007

## Agricultural Weather Advisory for New Jersey and Southeastern Pennsylvania Issued by Rutgers University New Brunswick NJ 8 am EDT Monday, May 29, 2007

Rainfall amounts, none through Wednesday.

Winds for spraying, north 5 to 10 mph today, light and variable tonight, west 5 to 10 mph Wednesday.

Relative humidity in percent, 30 to 40 today, 90 to 100 tonight, 30 to 40 Wednesday.

Dew points, upper 40s to low 50s through Wednesday.

Drying conditions, very good today, very good Wednesday.

Frost freeze or dew light dew tonight and Wednesday night.

Percent of possible sunshine, 90 today, 90 Tuesday.

There is a near zero percent probability of precipitation during the 12 hour period beginning at 8 am and ending at 8 pm that could adversely affect the performance of pesticides that require a rain free period after application.

Estimated soil moisture in percent of field capacity will continue to decrease over the next several days and therefore the need for irrigation will remain high.

Temperatures in the representative cranberry bogs should remain above freezing for the next few nights.

Hay cutting will see very good drying conditions into Thursday with a slight chance of scattered showers Thursday night into Friday.

The latest 8 to 14 day outlook for the period June 5, 2007 to June 11, 2007 is calling for temperatures to average below normal and precipitation to total above normal.

### Climate summary for the week ending 8am 5/29/07

Temperatures averaged much above normal, averaging 67 degrees North, 68 degrees Central, and 68 degrees South. Extremes were 92 degrees at Canoe Brook on May 26, 2007, and 38 degrees at Newton and Charlotteburg on May 22, 2007.

Weekly rainfall averaged 0.09 inches North, 0.34 inches Central, and 0.18 inches South. The heaviest 24 hour total reported was 0.60 inches at Glassboro on May 27, 2007 to May 28, 2007.

Estimated soil moisture, in percent of field capacity, this past week averaged 87 percent North, 77 percent Central, and 68 percent South.

Four inch soil temperatures averaged 62 degrees North, 64 degrees Central, and 64 degrees South.

### Weather Summary for the Week Ending 8 am Monday, May 29, 2007

| Weather Stations  | Rainfall  |               |        | Temperatures |      |      |        | Growing Degree Days<br>1/ |        | Soil Moisture<br>2/ |
|---|-----------|---------------|--------|--------------|------|------|--------|---------------------------|--------|---------------------|
|   | Last Week | Since March 1 |        | Last Week    |      |      |        |                           |        |                     |
|   |           | Total         | Dept.* | Max.         | Min. | Avg. | Dept.* | Total                     | Dept.* |                     |
| - Inches -                      - Degrees                      - Base 50F - |           |               |        |              |      |      |        |                           |        |                     |
| NORTH   |           |               |        |              |      |      |        |                           |        |                     |
| Canoe Brook   | .05       | 19.73         | 7.54   | 92           | 42   | 69   | 6      | 467                       | 200    | 79                  |
| Charlotteburg   | .00       | 14.98         | 2.97   | 88           | 38   | 66   | 6      | 402                       | 223    | 76                  |
| Flemington  | .29       | 18.91         | 7.37   | 89           | 39   | 68   | 5      | 441                       | 158    | 86                  |
| Newton  | .00       | 10.95         | .27    | 87           | 38   | 65   | 4      | 368                       | 151    | 76                  |
| CENTRAL   |           |               |        |              |      |      |        |                           |        |                     |
| Freehold  | .28       | 14.35         | 2.83   | 89           | 57   | 72   | 8      | 604                       | 262    | 74                  |
| Long Branch   | .05       | 14.61         | 2.72   | 89           | 46   | 67   | 4      | 419                       | 121    | 60                  |
| New Brunswick   | .37       | 19.17         | 7.84   | 89           | 43   | 68   | 3      | 495                       | 123    | 86                  |
| Toms River  | .81       | 12.49         | 1.00   | 90           | 44   | 67   | 4      | 465                       | 144    | 87                  |
| Trenton   | .19       | 16.02         | 5.60   | 89           | 47   | 68   | 2      | 519                       | 107    | 60                  |
| SOUTH   |           |               |        |              |      |      |        |                           |        |                     |
| Cape May C.H.   | .00       | 7.80          | -2.30  | 89           | 46   | 66   | 2      | 452                       | 87     | 55                  |
| Downtown  | .06       | 13.07         | 2.70   | 90           | 44   | 67   | 1      | 531                       | 106    | 58                  |
| Glassboro   | .84       | 13.14         | 2.12   | 90           | 49   | 70   | 4      | 621                       | 213    | 85                  |
| Hammonton   | .02       | 11.96         | 1.23   | 91           | 43   | 68   | 2      | 550                       | 150    | 51                  |
| Pomona  | .00       | 10.11         | .10    | 91           | 44   | 68   | 4      | 511                       | 170    | 51                  |
| Seabrook  | .17       | 13.46         | 3.96   | 89           | 49   | 69   | 3      | 638                       | 208    | 59                  |
| South Harrison  | .17       | 14.75         | 3.21   | 89           | 48   | 68   | NA     | 590                       | NA     | NA                  |

\*Departure from normal.  
1/Growing degree days since March 1, 2007, total and departure from normal or long term average.  
2/Estimated soil moisture as % of field capacity based on climate data.

Potato Plants Blooming

Days suitable for field work, for the week ending Sunday, May 27, 2007, were 6.5. Topsoil moisture was rated 60% short and 40% adequate. Irrigation water supply was rated 100% adequate. There were measurable amounts of rainfall during the week in most localities. Temperatures were near or above average across the Garden State. Corn and soybeans continued to emerge. A few corn fields were wiped out by black cutworm. There was a report of cereal rust mite in grass hay and pastures. Blueberries were sizing nicely. Potato plants began to flower. Heading of barley and wheat neared completion. Producers continued preparing fields, spraying, planting field corn, soybeans, and summer vegetables. Harvest of early season vegetables, including asparagus, cabbage, strawberries, spinach, and lettuce, continued. Producers continued harvesting hay. Producers thinned apple and peach trees. Irrigation was necessary in some Southern fields.

Jersey Fresh Availability For May 29, 2007

|                             |  |
|-----------------------------|--|
| Arugula                     | Good quality harvesting in good volume.  |
| Asparagus                   | Good quality harvesting in good volume.  |
| Baby Arugula & Baby Spinach | Harvesting good quality and quantity.  |
| Beets                       | Harvesting good quality and quantity.  |
| Cilantro                    | A good volume of good quality product is available.  |
| Collards                    | Good quality harvesting in fair to increasing quantity.  |
| Dandelions                  | Good quality and quantity of Spring planted San Pasquale variety.  |
| Dill                        | Harvesting good quality in good quantity.  |
| Escarole & Endive           | Harvesting in good quality and quantity.   |
| Kale                        | Good quality product harvesting in good volume.  |
| Leeks & Green Onions        | A good volume of good quality product is available.  |
| Lettuce                     | Harvesting good quantities of good quality Boston, Red & Green Leaf, and Romaine.  |
| Mint                        | Good quality harvesting in fair to good quantity.  |
| Parsley                     | Good quality of curly product starting to become available in light quantity. Plain product available in fair to increasing quantity.  |
| Radishes                    | Harvesting in good quality and volume.   |
| Spinach                     | A good volume of excellent quality product is available.   |
| Strawberries                | Harvesting Chandler variety berries in good quantity and quality. The bulk of the commercial crop will finish being harvested this week, with lower volume to continue through early June. |
| Swiss Chard                 | A good volume and quality of over-wintered product available. Spring planted becoming available this week in light quantity.   |
| Turnips                     | Harvesting good quality in light to increasing quantity.   |

Jersey Fresh Forecast

|             |  |
|-------------|--|
| Basil       | Likes warmer weather. Should be ready by the second week of June.  |
| Blueberries | Minor quantities of early varieties like Weymouth starting about June 18th. Much more widely planted Duke variety starting 3-4 days later with volume available a week after that. |
| Cabbage     | Late transplanting due to cold Spring. Should be ready by mid-late June.   |
| Cucumbers   | Harvesting light quantities of tunnel started product later on this week. Field grown starting next week. Pickles starting in light quantity.                                      |
| Squash      | Beginning to harvest light quantities of Yellow/Zucchini started in tunnels. Field grown by next week.   |